



Town of Nantucket

INVITATION FOR BIDS MOBILE COMMUNICATIONS & COMMAND POST VEHICLE

The Town of Nantucket, through its Board of Selectmen, invites qualified bidders to submit bids for the purchase and delivery of a mobile communications and command post vehicle for use by the Nantucket Police Department.

I. GENERAL INFORMATION AND BID SUBMISSION REQUIREMENTS.

1. Bids will be accepted at the Town of Nantucket, Selectmen's Office, 16 Broad Street, Nantucket, MA 02554, until 3:00 PM, June 9, 2005. Two copies of the bid are required.

The bid envelope must be sealed and clearly marked: Mobile Communications & Command Post Vehicle.

2. The bid opening will be 3:00 PM, June 9, 2005.
3. Award date. Award will be made within forty-five (45) days after bid opening unless otherwise stated in the specifications or the time for award is extended by mutual consent of all parties. All bids submitted shall be valid for a minimum period of forty-five (45) calendar days following the date established for acceptance.
4. If any changes are made to this IFB, an addendum will be issued. Addenda will be mailed or faxed to all bidders on record as having requested the IFB.
5. Questions concerning this IFB, must be submitted in writing to: Colleen Donnelly, Board of Selectmen, 16 Broad Street, Nantucket, MA 02554 before June 1, 2005, 3:00 PM. Questions may be delivered, mailed, emailed (cdonnelly@town.nantucket.net) or faxed. Written responses will be mailed or faxed to all bidders on record as having requested the IFB.
6. Bids may be modified, corrected or withdrawn only by written correspondence received by the Town of Nantucket prior to the time and date set for the bid opening. Bid modifications must be submitted in a sealed envelope clearly labeled "Modification No. ____" and must reference the original IFB.

After the bid opening, a bidder may not change any provision of the bid in a manner prejudicial to the interests of the Town of Nantucket or fair competition. Minor informalities will be waived or the bidder will be allowed to correct them. If a mistake and the intended bid are clearly evident on the face of the bid document, the mistake will be corrected to reflect the intended bid, and the bidder will be notified in writing; the bidder may not withdraw the bid. A bidder may withdraw a bid if a mistake is clearly evident on the face of the bid, but the intended correct bid is not similarly evident.

7. The Town of Nantucket reserves the right to reject any and all bids and to waive any informality in bids received whenever such rejection or waiver is in its best interest.
8. The Town of Nantucket will not be responsible for any expenses incurred in preparing and submitting bids. All bids shall become the property of the Town of Nantucket.

9. Responders must be willing to enter into the Town of Nantucket's standard form of contract that will include the scope of services description of this IFB.
10. The bid, and any subsequent contract for the services, is hereby issued in accordance with applicable Massachusetts General Laws. The selected bidder shall be expected to comply with all applicable state and federal laws in performance of service.
11. Bids received prior to the date of opening will be securely kept, unopened. No responsibility will attach to an officer or person for the premature opening of a bid not properly addressed and identified.
12. Any bids received after the advertised date and time for opening will be returned to the responder unopened.
13. Purchases by the Town of Nantucket are exempt from federal, state and municipal sales and/or excise taxes.
14. The Tax Compliance Certification and the Certificate of Non-Collusion must be included with the bid response. The bid must be signed by the authorized individual(s).
15. Unexpected closures. If, at the time of the scheduled bid opening, Town Hall is closed due to uncontrolled events such as fire, snow, ice, wind or building evacuation, the bid opening will be postponed until 3:00 PM on the next normal business day. Bids will be accepted until that date and time.
16. The Town of Nantucket is an Affirmative Action/Equal Opportunity Employer. The Town encourages bids from qualified MBE/DBE/WBE firms.
17. Bidders should be aware that many overnight mailing services do not guarantee service to Nantucket.

II. SCOPE OF SERVICES.

Please see Attachment A for all supply and delivery requirements.

III. QUALITY REQUIREMENT.

1. Bidders must provide all of the items described in Section II. and comply with all of the bid submission requirements listed in Section I.
2. Bidder must have been in the business supply similar vehicles for a minimum of five (5) years.

IV. REFERENCES.

1. Bidders must provide a complete list of all customers for whom it provided a similar vehicle in the past three years. Reference information must include Company/Government Name, Contact Person, Phone Number, Fax Number and date of purchases.

Poor references may be a basis for determining that a bidder is not responsible. Reference questions will include but may not be limited to vehicle quality and durability, timely delivery, customer service and general customer satisfaction.

V. RULE FOR AWARD.

The contract will be awarded to the responsive and responsible bidder offering the lowest price.

VI. BASIS OF COMPENSATION.

Fixed price contract.

BID RESPONSE FORM
MOBILE COMMUNICATIONS & COMMAND POST VEHICLE

The undersigned proposes to in the Town of Nantucket the contract price specified below for the specifications contained herein for the mobile communication and command post vehicle.

Bid amount in numbers

Bid amount in words

Name of bidder

Telephone Number

FEIN or SSN:

Address, City, State and Zip Code

Bidder's signature:

Date

NOTE: *If the bidder is a corporation, indicate state of incorporation under signature and affix corporate seal; if a partnership, give full names and residential addresses of all partners; if an individual, give residential address if different from business address.*

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

Signature of person signing bid or proposal

Date

Please Print Name

Name of Business

TAX COMPLIANCE CERTIFICATION

Pursuant to M.G.L. 62C, §49A, I certify under the penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

Federal Employer ID Number

Name of Corporation

President's Signature

Date

Please Print Name



**AGREEMENT BETWEEN
THE TOWN OF NANTUCKET, MASSACHUSETTS
AND
INDEPENDENT CONTRACTOR**

THIS AGREEMENT made effective _____, 2005, by and between the **TOWN OF NANTUCKET, MASSACHUSETTS**, a municipal corporation, acting by and through its Town Administrator, with offices at Town Hall, Nantucket, Massachusetts 02554 (hereinafter called the "TOWN"), and **xxxxxxxxxx** whose principal office address and state of incorporation are as set forth on Exhibit A (hereinafter called the "CONTRACTOR").

RECITALS:

WHEREAS, the TOWN desires to retain the CONTRACTOR to provide certain services for the TOWN as described, below, and the CONTRACTOR is willing to accept such engagement, all on the terms hereinafter set forth,

NOW, THEREFORE, in consideration of the mutual covenants hereinafter set forth, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

ARTICLE 1 - ENGAGEMENT OF THE CONTRACTOR

- 1.1 The TOWN hereby engages the CONTRACTOR, and the CONTRACTOR hereby accepts the engagement, to perform certain services for the TOWN, as described in Article 2.
- 1.2 In the performance of any service under this Agreement, the CONTRACTOR acts at all times as an independent contractor. There is no relationship of employment or agency between the TOWN, on the one hand, and the CONTRACTOR on the other, and the TOWN shall not have or exercise any control or direction over the method by which the CONTRACTOR performs its work or functions aside from such control or directions which are consistent with the independent contractor relationship contemplated in the Agreement.

ARTICLE 2 - SERVICES OF THE CONTRACTOR

- 2.1 The CONTRACTOR will perform the services described in the Scope of Services set forth on Exhibit A (the "Work").
- 2.2 The CONTRACTOR shall report, and be responsible, to the TOWN and its designee (if any) as set forth on Exhibit A.
- 2.3 There shall be no amendment to the Scope of Services or Work provided for in this Agreement without the written approval of the TOWN. The TOWN shall be under no obligation to pay for any services performed by the CONTRACTOR which are not explicitly agreed to by the TOWN in writing.
- 2.4 The CONTRACTOR represents and warrants to the TOWN that the CONTRACTOR (including all of its personnel, whether employees, agents or independent contractors) will be qualified and duly licensed (if necessary) to perform the services required by this Agreement and further agrees to perform services in a professional manner adhering to a reasonable standard of care and in accordance with all applicable local, state or federal ordinances, laws, rules and regulations. The CONTRACTOR will obtain any and all permits, bonds and other items required for the proper and legal performance of the work.

- 2.5 The CONTRACTOR represents and warrants to the TOWN that it is not a party to any agreement, contract or understanding which would in any way restrict or prohibit it from undertaking or performing its obligations hereunder in accordance with the terms and conditions of this Agreement.
- 2.6 All written materials and any other documents (whether in the form of "hard" copies, graphics, magnetic media or otherwise) which are produced by the CONTRACTOR pursuant to this Agreement shall be deemed to be "work for hire" and shall be and become the property of the TOWN under applicable law or, to the extent that the "work for hire" doctrine does not apply, CONTRACTOR hereby grants to the TOWN a perpetual, royalty-free exclusive license in such items. The TOWN acknowledges that such materials are being prepared with respect to the specific project contemplated hereby and that any reuse of such materials by the TOWN in connection with any other project shall be at the TOWN's sole risk unless otherwise agreed to by the CONTRACTOR in writing.

ARTICLE 3 - PERIOD OF SERVICES

- 3.1 Unless otherwise provided on Exhibit A, the term of this Agreement shall commence on the date hereof and continue until the Work is completed to the Town's reasonable satisfaction.
- 3.2 The CONTRACTOR shall proceed with the Work promptly after receiving authorization to proceed and will diligently and faithfully prosecute the Work to completion in accordance with the provisions hereof. In any event, the Work shall be completed not later than the date set forth on Exhibit A. The CONTRACTOR acknowledges that time is of the essence of this Agreement.
- 3.3 If the CONTRACTOR is delayed in the performance of any of its obligations under this Agreement by the occurrence of an event which may not reasonably be anticipated or avoided or is otherwise beyond its control such as fire or other casualty, abnormal adverse weather conditions, acts of God (collectively, "Unavoidable Events") which materially and adversely affect its ability to perform the Work, then the time for the CONTRACTOR to perform the Work shall be extended for such time as the TOWN shall reasonably determine is necessary to permit the CONTRACTOR to perform in light of the effects of the Unavoidable Event.

If an Unavoidable Event occurs which makes the performance of the Agreement impossible without the expenditure of additional TOWN funds, the TOWN may, at its option, elect to terminate this Agreement upon thirty (30) days written notice.

ARTICLE 4 - PAYMENTS TO THE CONTRACTOR

- 4.1 The compensation to due to the CONTRACTOR shall be paid in the amounts, and in the manner, set forth on Exhibit B, attached hereto.
- 4.2 The CONTRACTOR will bill the TOWN at the completion of the work unless otherwise provided on Exhibit B, with one or more invoices broken down to show the quantity of work performed and the percentage of the entire project completed, categories and amount of reimbursable expenses (if any), and provide such supporting data as may be required by the TOWN.
- 4.3 The TOWN will pay the CONTRACTOR upon review and approval of such invoices by the TOWN or its designee.
- 4.4 This project may be subject to budgetary restrictions which may limit the total amount of funds available for the work. Accordingly, unless otherwise stated on Exhibit B, the TOWN will not be obligated to pay any amount in excess of the

maximum project amount without the express written approval of the TOWN.

- 4.5 The CONTRACTOR and its consultants shall not be compensated for any services involved in preparing changes that are required for additional work that should have been anticipated by the CONTRACTOR in the preparation of the documents, as reasonably determined by the TOWN.

ARTICLE 5 - TERMINATION

- 5.1 This Agreement may be terminated, with cause, by either the TOWN or CONTRACTOR, upon written notice given by the non-defaulting party. For the purposes of this provision, "cause" shall include the failure of a party to fulfill its material duties hereunder in a timely and proper manner.
- 5.2 The TOWN shall have the right to terminate this Agreement for its convenience upon ten (10) days written notice.
- 5.3 Following termination of this Agreement, the parties shall be relieved of all further obligations hereunder except:
- (a) the TOWN shall remain liable for payments for the services and/or expenses of CONTRACTOR accrued prior to the effective date of the notice of termination in compliance with this Agreement (less all costs reasonably incurred by the TOWN as a result of the CONTRACTOR's default, if any), as determined by the TOWN but for no other amounts including, without limitation, claims for lost profits on work not performed; and
 - (b) the CONTRACTOR shall remain liable for any damages, expenses or liabilities arising under this Agreement (including its indemnity obligations) with respect to work performed pursuant to the Agreement.

ARTICLE 6 - INSURANCE AND INDEMNIFICATION

- 6.1 The CONTRACTOR agrees to indemnify and save the TOWN harmless from any and all manner of suits, claims, or demands arising out of any errors, omissions or negligence by CONTRACTOR (including all its employees, agents and independent contractors) in performing the Work, or any breach of the terms of this Agreement by such CONTRACTOR and shall reimburse the TOWN for any and all costs, damages and expenses, including reasonable attorney's fees, which the TOWN pays or becomes obligated to pay, by reason of such activities, or breach. The provisions of this Section 6.1 shall be in addition to, and shall not be construed as a limitation on, any other legal rights of the TOWN with respect to the CONTRACTOR, in connection with this Agreement.
- 6.2 Before commencing work, the CONTRACTOR shall obtain and maintain, at its expense and from insurance companies of a Best Rating of A or better which are licensed to do business in the Commonwealth of Massachusetts, insurance as set forth below. If the CONTRACTOR is permitted to sub-contract a material portion of the Work, or is otherwise identifying a third party to perform services for the Town, the CONTRACTOR shall assure that such sub-contractor or other third party also has such insurance.
- (a) Workers' Compensation, covering the obligations of the CONTRACTOR in accordance with applicable Workers' Compensation or Benefits laws.
 - (b) Commercial General Liability Insurance on an occurrence basis with a combined single limit of not less than \$1 million. Coverage is to include premises and operations, coverage for liability of subcontractors. The policy shall contain an endorsement stating that the aggregate limits will apply separately to the work being

performed under this Agreement.

- (c) Automobile Liability Insurance of not less than \$1 million combined single limit covering owned, hired and non-hired vehicle use.
- (d) Errors and Omissions Insurance of not less than \$2 million per claim.
- (e) Such additional insurance as may be required to be carried by the CONTRACTOR by law.
- (f) Such additional insurance as the TOWN may reasonably require as set forth on Exhibit A.

CONTRACTOR shall maintain such insurance during the term of Agreement and give the TOWN twenty (20) days written notice of any change or cancellation of coverage. Each insurer providing policies hereunder shall waive its rights to subrogate claims against the TOWN. The TOWN will be added as an additional named insured with respect to each such policy and such endorsement shall be reflected on an Certificate of Insurance to be delivered to the TOWN upon the execution of this Agreement and at such times thereafter as the TOWN may reasonably request.

ARTICLE 7 - GENERAL PROVISIONS

- 7.1 Upon the expiration or the termination of this Agreement for any reason, all data, drawings, specifications, reports, estimates, summaries and other work product which have been accumulated, developed or prepared by the CONTRACTOR (whether completed or in process) shall become the property of the TOWN and the CONTRACTOR shall immediately deliver or otherwise make available all such material to the TOWN.
- 7.2 Neither party may assign, transfer or otherwise dispose of this Agreement or any of its rights hereunder or otherwise delegate any of its duties hereunder without the prior written consent of the other party, and any such attempted assignment or other disposition without such consent shall be null and void and of no force and effect.
- 7.3 Except as otherwise expressly provided in this Agreement, any decision or action made by the TOWN relating to this Agreement, its operation, amendment or termination, shall be made by the Board, Committee or Authority of the TOWN specified in the initial paragraph of this Agreement, unless specifically authorized or delegated by a lawful vote of such body.
- 7.4 This Agreement, together with Exhibit A (Contractor, Scope of Work, Term), Exhibit B (Payments) and Exhibit C (Tax Compliance Certificate) and any additional exhibits referred to therein, constitute the entire agreement of TOWN and CONTRACTOR with respect to the matters set forth therein and may not be changed, amended, modified or terms waived except by a writing signed by TOWN and CONTRACTOR. If there is any conflict between a term set forth in the body of this Agreement and a term set forth on Exhibit A or Exhibit B hereto, the term set forth in the Exhibit shall govern; however, if any term or provision of any document attached hereto or incorporated by reference conflicts with a term of this Agreement (including the Exhibits listed above), the term of the Agreement shall govern. Any notices required or allowed shall be to the person's address above by certified mail, return receipt requested.
- 7.5 This Agreement is governed by the law of The Commonwealth of Massachusetts and shall be construed in accordance therewith. The parties agree that exclusive jurisdiction for any action arising out of or relating to this Agreement shall lie with the state and federal courts having jurisdiction over the county and state in which the Town is located and the parties hereby irrevocably waive, to the fullest extent permitted by law, any objection which they may now or hereafter have to the venue of any proceeding brought in such location and further irrevocably waive any claims that any such proceeding has been brought in an inconvenient forum.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first written above.

TOWN OF NANTUCKET, MASSACHUSETTS:

CONTRACTOR:

C. Elizabeth Gibson
Town Administrator

Name
President

Funding Org/Obj:

FEIN:

Approved as to Funds Available

Constance Voges, Finance Director

EXHIBIT A

CONTRACTOR, SCOPE OF WORK, TERM

1. **Name of Contractor:**
2. **State of Incorporation:**
3. **Principal Office Address:**
4. **Description of Services (§2.1):**
5. **Person, Department, or Committee, if any, to whom CONTRACTOR reports (§ 2.2):**
6. **Term of Agreement (§3.1):**
7. **Completion Date (§3.2):**
8. **Additional Insurance Coverage (§6.2(e)):**

EXHIBIT B

PAYMENTS

1. Lump Sum Method
 - a. **Maximum Project Amount:**
 - b. **Payment Increments:**
 - c. **Reimbursable Expenses** (if any): None.

BIDDER'S CHECKLIST

Required for bid submittals:

- ☐ Bid response form
- ☐ Non-collusion form
- ☐ Tax compliance certificate
- ☐ Reference list
- ☐ Signature page from Town of Nantucket contract agreement

ATTACHMENT A

Nantucket Police Department
Mobile Communications and Command
Post Specifications

Bids due June 9, 2005 at 3:00 PM EDT

Send to: Colleen Donnelly
Town of Nantucket
16 Broad Street
Nantucket, MA 02554

Note to Bidders:

These specifications may specify a Manufacturer name or trade item. Substitution may be allowed if the item substituted for is equivalent and the bidder specifically notes which item is being substituted and any exceptions to the specification noted.

Pay particular attention to the DELIVERY REQUIREMENTS noted on the last page of this specification. THERE WILL BE NO EXCEPTIONS TO THIS ITEM.

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CHASSIS/BODY DIMENSIONS:

1. Wheelbase of chassis:	276"
2. Overall length of apparatus, including rear step:	473"
3. Overall apparatus width, rub rail to rub rail:	96"
4. Overall height of apparatus (loaded):	140"*
5. Interior walkway height finished:	82"
6. Interior walkway length:	360"
7. Interior finished body width:	86"

*Note: Estimated measurement dependent on chassis components, axles, tires, frame, suspension, and optional roof-mounted equipment. Interior dimensions are +/- 1" depending on the wall material thickness selected.

CHASSIS REQUIREMENTS:

1. *Freightliner* MT-55 forward control chassis. Minimum 25,500-lb. GVWR with rear spring suspension and hydraulic brakes.

ENGINE:

1. *Cummins* ISB 260-hp turbo-charged diesel engine (260-hp @ 2500 rpm, 550-lb. ft. of torque @ 1900-rpm).
2. Largest available down flow radiator with transmission cooling and radiator mounted surge tank.
3. *Eaton* viscous fan drive.
5. Anti freeze to -34°F (Ethylene Glycol premixed to 50/50).
6. Frontal air intake.
7. Electronic integral engine warning and derate protect system.
8. Single horizontal inboard exhaust with horizontal tail pipe exiting on the street side.
9. *Cummins* supplied remote mounted fuel water separator with heater.
10. Full flow oil filter.
11. *Phillips* 1,000-watt block heater with plug in engine compartment.

TRANSMISSION:

1. *Allison* 2200 EVS (or current model) heavy-duty 5-speed automatic transmission with park pawl.
2. Transmission water-to-oil cooler.

AXLES & SUSPENSION:

1. *Meritor* 8,000-lb. front axle.
2. 8,000-lb. taper leaf front springs with maintenance free rubber bushings.
3. *Meritor* minimum 17,500-lb. rear axle.
4. 5.57:1 gear ratio. With this gear ratio the maximum-gear speed is 74.5-mph.
5. 17,500-lb. taper leaf rear springs.
6. Dana Spicer half round yoke driveline with drive shaft guard.
7. Heavy duty Gabriel/Monroe front/rear shock absorbers.

BRAKES:

1. 4-wheel hydraulic disc brake package front and rear with ABS.
2. Transmission mounted parking brake.

STEERING:

1. *Ross TRW TAS-55* power steering with tilt wheel.

FUEL:

1. 60 gallon rectangular steel fuel tank mounted between frame rails behind rear axle with driver's side fuel fill.
2. Fuel tank shall have a generator fuel pickup tube installed by fuel tank manufacturer and set at such a depth as not to empty the fuel tank.

FRAME:

1. 5/16" x 2.81" x 9.13" 50,000-psi steel frame.
2. Frame RBM is 540,000 lbf/in/rail or 1,080,000 total.
3. Frame warranty is 5 years/100,000 miles.
4. Frame is constructed using only grade 8 bolts.
5. 132" rear frame overhang.
6. Painted steel front bumper.

ELECTRICAL:

1. Leece Neville 160-amp alternator factory installed.
2. Install one (1) *Sure Power* 2402 isolator to allow alternator to charge the chassis and auxiliary battery banks.
3. Dual *Alliance* Group 31 MF min 1900-CCA batteries.
4. Automatic self-reset circuit breakers.
5. *Delco* 12 Vdc 29MT (or current model) starter.

TIRES AND WHEELS:

1. Two (2) 10R22.5 *Michelin* radial tires (front).
2. Four (4) 10R22.5 *Michelin* radial tires (rear).
3. Six (6) hub-piloted 22.5" x 7.5" steel wheels.

BODY REQUIREMENTS:

1. Load space area shall be 85" high x 93" wide x 30' long load space all aluminum step van body.
2. Body shall have OEM sedan door streetside with sliding window. Door shall have an inner lower aluminum panel covered in black vinyl.
3. Body shall have OEM sedan door curbside with sliding window. Door shall have an inner lower aluminum panel covered in black vinyl.
4. Body shall have one (1) OEM 32" wide x 82" high 0.125" aluminum curbside sedan door installed approximately 12"-16" forward of rear wheel box. Door shall be finished on the inside with a white powder coated aluminum panel.

5. Sedan doors shall have a vertical continuous stainless steel piano hinge and two (2) nylon door straps and an aluminum drip rail installed above door. Doors shall have a Tri-Mark polished cast aluminum exterior handle with key lock. Front door shall utilize dual rotary latches; one installed mid height on the door and one installed on the lower portion. Doors shall also utilize Tri-Mark cast aluminum interior handle with locking lever.
6. Body side doors shall have a 0.125" aluminum tread plate step well for 18" skirt depth.
7. Body shall have two (2) *manual slide-out steps*, one at each curbside load space door location.
8. Body shall have two (2) OEM polished aluminum grab handles, one installed at exterior entry door location to assist entry into the truck.
9. Install three (3) rubber grab handles, one installed on the inside of each side sedan entry door.
10. Body shall have *OEM installed* stop/tail/turn and reverse lights.
11. Body shall have extruded aluminum 0.125" x 1.5" x 3" I-beam side and rear wall stiffeners on 24" centers. I-beam shall have a center web located 1.5" from body skin with a 1.125" slot, 4" from top of stiffener and 10" long to run 120 Vac conduit around perimeter of truck. Stiffener shall have another slot 7" long starting 58" from the top.
12. Body shall have 0.125" strain-hardened aluminum alloy side panels bonded to the sidewall stiffeners for superior strength and durability.
13. Body shall have a one-piece 0.040" aluminum roof with roof bows on 16" centers.
14. Body shall have a premium OEM lift-up fiberglass hood with quartz halogen headlamps and turn signal indicators.
15. Body shall have a full width 12" deep painted heavy-duty steel rear bumper with non-skid center step.
16. Body shall have rear mud flaps with anti-sail brackets.
17. Body shall have *west coast mirrors*.
18. Body shall have tinted safety plate glass windshield with driver and passenger sun visors.
19. Driver seat to be *high back* on fixed pedestal. Seat to be covered in Black vinyl with 3-point seat belt.
20. Passenger seat to be a black vinyl *jump seat* with 2-point seat belt.
21. Body shall have windshield wiper/washer with single heavy-duty windshield wiper motor.
22. Body shall have an aluminum engine box cover with acoustical and thermal insulation. Cover shall have a Black ABS overlay.

23. Body shall have extruded aluminum floor with interlocking planks.
24. Body shall have rear aluminum fender flares painted to match the body color.
25. Body shall have custom front wheel cutouts for 10R22.5 tires.
26. Body shall have full length skirting. Skirt to extend 18" down from the bottom of floor extrusions.
27. Body shall have a black ABS dash with black aluminum insert to house the Freightliner gauge cluster. Body shall have a powder coated pod located to the left of the dash for added accessories.
28. Rear ICC lights shall be located as far rearward as possible.
29. Body has a standard structural warranty of 5 years or 50,000 miles; and standard component warranty of 12 months or 12,000 miles.
30. The vehicle shall be fully sanded on all exterior surfaces with no more than 150 grit to assure removal of imperfections in metal surface. All aluminum shall be primed prior to painting. Final finishing to be to commercial truck standards.
31. Base body color shall be DuPont N0006-HH white.
32. Cab floor and toe board area and step well risers shall be covered with ½" Blanchford acoustical floor matting with black pebble grain finish.
33. One (1) OEM installed black/white closed circuit camera and monitor to view the area to the rear of the vehicle when placed in reverse.
34. OEM back-up alarm.

DRIVER/PASSENGER CAB AREA:

1. Install an overhead console above the driver and passenger. The console shall be constructed out of black laminated plywood. The bottom shall be covered in black vinyl.
2. Install one (1) white dome light under overhead console.
3. Install sign on dash with vehicle height listed.
4. Vehicle shall have a Final stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards FMVSS 49 CFR Part 567.5 and 567.7
5. Install a payload sticker in cab area with vehicle axle loads and available axle payload as built.

FLOOR PLAN LAYOUT:

Communications Area 12' long in the front of the truck:

- Four (4) file drawers, one located between each workstation with a false lower panel to house a heater/furnace.
- 21" deep x 144" long countertop on each side over the file drawers with aluminum powder coated end panels.
- 16" deep over head cabinets with dry erase doors. Cabinets shall extend full length over each countertop.
- Pocket door shall be located between the communications area and the galley/conference area.

Galley Area 8' long in the middle of the truck:

- The load space sedan door shall be located just rearward of the pocket door to allow people to enter the rear of the truck to access the galley or conference area without interrupting the communications area.
- One base cabinet to house the refrigerator with prep for future hand pump system.
- One overhead cabinet to house the microwave and support the coffee maker.
- Two (2) 46" wide storage cabinets located across from the galley in the middle section of the truck. Cabinets shall contain four adjustable shelves in each.

Conference Area 9' long in the rear of the truck:

- 48" long laminate conference table.
- Three approximate 7' long x 24" deep bench seats creating a u-shaped conference seating area around the conference table. Bench seat backs shall be flat against the wall.
- One cabinet shall be designed to house a rack mounted TV and DVD/VCR on top for viewing in the conference area. The top portion of the cabinet shall have a built in rack at the top and a door with storage at the bottom.

WALLS, CEILING AND FLOOR:

1. Insulate walls and ceiling with fiberglass insulation.

2. Cover interior body side posts with minimum 3/8" plywood sub wall.
3. Cover sub wall with high gloss white dry erase *laminate*.
4. Cover interior roof supports with minimum 3/8" plywood.
5. Cover ceiling with 17-oz. acoustical ribbed loop pile fabric (color ~ to be chrome).
6. All bulkheads to be covered with gloss white dry erase *laminate*. All bulkheads shall have a clear anodized extruded aluminum full perimeter trim with stainless steel fasteners.
7. Install one (1) white dry erase covered pocket door on heavy-duty aluminum track to separate sections as shown. Door shall have a key lock on the communications side.
8. Install a moisture barrier between the aluminum body floor and the plywood underlayment. Install 5/8" exterior grade tongue-n-groove plywood underlayment for floor.
9. Floor to be covered with *Lonseal Loncoin II Fleckstone* non-skid commercial grade PVC flooring. The flooring is to be continuous piece front to back with a longitudinal seam located under cabinetry and countertops on one side of truck, color to be black.
10. Install 2-1/2" vinyl cove molding as required (mop board).

GALLEY:

1. Install one (1) microwave oven.
2. Install one (1) *Black & Decker* model ODC325 (or current model) under cabinet coffee maker.
3. Install one (1) *Norcold* model DE-0051 (or current model) 12Vdc/120Vac refrigerator. Refrigerator has the following features:
 - a.) 2.7-cu.ft. capacity.
 - b.) Freezer shelf for ice cube tray.
 - c.) 2-door bins; lower bin holds 2-liter containers.
 - d.) Integrated door latches.
 - e.) 3A-12Vdc/0.71A-120Vac.

SEATING:

1. Install six (6) *Hon value task office chairs* with five caster spider base, adjustable height and color matched fabric with bench seating material, color to be black.

2. Install bench seating in rear compartment as specified.
3. Bench seat cushions to be covered in heavy-duty vinyl (color ~ to be black).
4. All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials.
5. Bench seat construction must meet the following minimum requirements:
 - a.) Seam stitching to be done with 8-oz. bonded nylon thread.
 - b.) Material corners to be squared or angled to fit precise cut of foam.
 - c.) Foam is to be bonded to 3/8" plywood backer with industrial grade elastomer adhesive.
 - d.) Bottom and sides are to be completely sanded.
 - e.) Stapling of fabric/vinyl to backer with industrial grade upholstery staples.
 - f.) No more than a 1/2" space is acceptable between staples around the entire perimeter.
 - g.) All seat backs to be vertical and not angled or tapered.
 - h.) Seat bases shall be constructed out of aluminum and covered in black vinyl.
6. All fabric shall be stain resistant.

CABINETS:

1. Fabricate and install interior storage cabinets, counters, shelves, tables and work stations.
2. All cabinets shall be constructed using clear anodized aluminum extrusions and powder coated 0.080" thick formed aluminum.
3. All overhead cabinets in the communications area are to have dry erase board finish on the doors.
4. All other cabinet doors and drawer fronts are to be powder coated gray.
5. All doors are to have piano hinges.
6. All horizontally hinged overhead cabinet doors will be held open with locking lift/support.
7. All drawers are to use heavy-duty, ball bearing, and double-action drawer slides. Drawer boxes to be constructed out of aluminum.

8. Countertops are to be covered in 0.040" *Wilsonart* laminate, color to be brushed pewter with Black T-Mold edge.
9. All areas where countertops, bulkheads and walls meet are to be sealed with silicone caulk.
10. Install pencil drawers under countertops at workstations.
11. Doors shall utilize Southco latches.

HVAC SYSTEM:

1. Install four (4) Broan wall mount 1,500 watt electric heaters. One located in the base of a file cabinet with a false front on each side of the communications area and one located on each side of the bench seating face in the rear.
2. Install two (2) *Coleman* Polar Mach 9200 series low profile air conditioners with condensation pump.
3. Prewire only for two (2) future reversible 12" power roof ventilators.

120/240VAC ELECTRICAL SYSTEM:

1. Install one (1) *Onan Commercial Quiet Diesel 12.- kW generator mounted in custom fabricated all aluminum compartment.*
2. Compartment is to be constructed to the following specifications:
 - a.) Compartment is to be constructed from 0.125" aluminum and is to have all welded seams.
 - b.) Compartment is to have 0.125" aluminum box pan door and 0.125" aluminum frame.
 - c.) Doorframe to be riveted to the body and welded to the compartment.
 - d.) Door to have stainless steel hinge attached to the door and doorframe with stainless machine screws only.
 - e.) Door to have Tri-Mark rotary latch and polished cast aluminum handle.
 - f.) Door are to be held open in a 120° position with gas charged lift/support cylinders.
 - g.) Doors to be sealed with industrial grade neoprene gasket.
3. Install one (1) *Marinco 50A-125/250Vac waterproof shore power inlet, one (1) 50-ft. 50A-125/250Vac shore power cord and 6-ft. 50A-125/250Vac pigtail.*

4. Install one (1) 50A-120/240Vac control panel with generator and shore power main breaker, eleven (11) UL listed magnetic/hydraulic branch circuit breakers with amber LED indicators to show activation, digital voltmeter, digital frequency meter, digital ammeter, generator stop/start switch, generator hour meter, shore power reverse polarity indicator and rotary transfer switch.
5. Install a minimum of nine (9) specification grade 20A-125Vac duplex receptacles throughout, spaced evenly as needed. These receptacles are not dedicated to any installed equipment. One located at each workstation in the communications area, one located on each rear wall of the conference area.
6. Install two (2) specification grade 20A-125Vac exterior GFI duplex receptacles with weatherproof PVC covers.
7. Install Wire Mold cable management system along workstation countertops and shall extend to the rear wall on the street side. Power to the appliances or remote outlets shall be run in blue ENT conduit from the Wire Mold to the appliance. Wire chase wire management raceway system shall include:
 - Satin anodized finish. The finish resists rust, corrosion and fading. Material extruded from 6063-T5 aluminum alloy with a finish thickness of .004" [1mm].
 - Removable dual cover. Makes wiring easy and accessible and provides maximum flexibility for adding or relocating outlets and circuits. The cover retention is 45 lbs. straight pull for one minute.
 - UL Listed multi-outlet assemblies. File E68073 Guide PVGT, Fittings: File E121188 Guide RJPR. Meets Article 380 of NEC and meets Section 12-3032 of CEC.
 - UL and cUL Listed component raceways. File E73943 Guide RJBT, Fittings: File E74343 Guide RJPR. Meets Article 386 of NEC and meets Section 12-600 of CEC.
 - UL5 and ADA compliant. Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements

12VDC ELECTRICAL SYSTEM:

1. Two (2) Trojan T125 deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant aluminum compartment. Compartment shall have 2" box pan door with rotary slam latch, Tri-Mark polished Cast aluminum handle, CH545 key lock and Kwikkee heavy-duty slide assembly. The batteries will be separated from the chassis batteries for auxiliary equipment (2.2

hours of capacity @ 75-amp discharge rate). Battery data assumes a usable voltage range of 13.6 to 10.5 volts.

2. Two (2) electronic converter/chargers, 60 amp minimum output each. Converter/chargers and isolator shall be located behind the driver's seat with a vented black ABS panel cover. Charger features:
 - Charges three banks of batteries at the same time.
 - UL listed for safety.
 - Manual reset circuit breaker.
 - Reverse battery protection.
 - Electronic current limiting.
 - High voltage protection.
3. One (1) Cole Hersee master disconnect switch to control the auxiliary battery systems. Disconnect shall be located overhead and to the left of the driver.
4. Install one (1) 12Vdc control panel with seven (7) UL listed magnetic/hydraulic circuit breakers with red LED indicators to show activation, 12Vdc digital voltmeter, and 12Vdc low voltage alarm.
5. Install twelve (12) *Thin-Lite* model 716 recessed 18" white 12Vdc fluorescent light fixtures on ceiling.
6. Install 12Vdc lights located under overhead cabinets in the communications and galley area.
7. Prewire for three (3) 15A-12Vdc power outlets. One prep located at each side of the communications section and one located in the rear conference area.
8. Install four (4) *Whelen* 810 Series white quartz halogen scene lights with 8-32° optics on exterior of van body, model number 810CA0ZR (or current model). Two (2) mounted on each side of the truck.
9. Prewire for two (2) future installed *Whelen* 810 series scene lights on the rear of the truck.
10. Install one (1) *customer supplied* siren located to the left of the driver recessed in the black aluminum console with one customer supplied speaker behind grill.

12VDC WIRING REQUIREMENTS:

1. 2-gauge copper stranded battery cable to be used for 12Vdc main supply lines. All cable runs to be full length, no splices. All cable terminals are to be staked and soldered. All cable is to be enclosed in

convoluted polyethylene tubing and the ends of the cable sealed with color-coded shrink-wrap identifying the function of the cable.

2. All added electrical circuits shall be protected from over current by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical wiring (plug type fuses are unacceptable).
3. Circuit breaker functions are to be identified by engraved or printed labels.
4. All added wiring for load runs shall be AWG 8, 10, 12, 14 and 18 and must conform to MIL-W-16878F.
5. Wire terminals for added circuits must conform to MIL-T-7928. Terminals are to be insulated, insulation grip, TYPE II, CLASS 2 and are to be crimped with tooling recommended by the terminal manufacturer.
6. All wiring shall be numbered or lettered on 6" centers minimum.
7. All wiring is to be protected from chafing and abrasion with convoluted polyethylene tubing.
8. Where wire passes through sheet metal, bulkheads and structural supports plastic grommets shall be used to protect both wiring and wire looms.
9. All wiring to be supported on 12" centers.
10. All wire bundles shall be tied with trimmed nylon ties on 6" centers minimum.
11. The complete 12Vdc wiring system and electrical appliances shall be to modern automotive standards through out the installation.
12. Extreme care shall be exercised to provide for easy serviceability of the system in future years.
13. Extreme care must be taken in the installation to avoid the engine manifold, engine exhaust, and muffler, which could expose the wiring to severe overheating during long periods of operation. Proper insulation and heat deflection panels must be installed in such areas.
14. A high-current 12Vdc system wiring schematic shall be provided.
15. These are the minimum acceptable 12Vdc wiring requirements. No exceptions.

AUDIO/VIDEO:

1. Install two (2) 15" rack mount color LCD monitors, one in the communications area and one in the conference area.

2. Install two (2) DVD/VHS Combination Decks, one rack mounted at each TV location.
3. Install one (1) *Winegard* Sensar RV-3090 amplified TV antenna with outlets located at TV/VCR locations.
4. Install two (2) exterior video camera input jacks, one wired to each DVD/VCR.
5. All video cable shall be *Belden* RG-59/U Precision video cable #1505A with a 20 AWG solid copper center conductor and Duofoil® +95% tinned copper braid shields. Cable has a nominal attenuation of 7.8 dB/100-ft at 1,000-MHz.

RADIOS:

1. Prewire for six (6) **customer installed** trunk mount radios (one located behind each file cabinet false panel (4), one in the cab area and one in the conference area). This includes installing *Motorola* NMO style base on the roof with LMR195 antenna cable run to radio location. When radio is remote mounted (not in std radio box location) the cable shall be run in Carlon Carflex ENT conduit to the desired transceiver location as space in the wall permits.
2. 12Vdc power leads for communications radios to be 2-gauge (based on radio requirements) copper stranded wire with soldered crimp on end connectors. Cables to be enclosed in convoluted tubing and function identified with colored shrink-wrap. Power to radios to be controlled by a continuous-duty switch actuated by the auxiliary master disconnect switch.

TELEPHONE SYSTEM:

1. Install one (1) *four-line* Telephone System with provisions to connect to four (4) incoming telephone lines (two (2) land-lines or two (2) cellular lines), which will be accessible from eight (8) extensions:
 - a.) One (1) in the Conference Area.
 - b.) Six (6) in the Communications Area.
 - c.) One (1) located at the fax machine location.
2. The telephone system is to include the following hardware:
 - a.) One (1) *Cast Products* cast aluminum weatherproof Small Phone Box with key lock for three (3) land-line inputs (two for the telephones and one for the fax machine).

- b.) Seven (7) AT&T model 944 (or current model) 4-line speakerphone telephone.
3. **Prewire** and make installation provisions for three (3) **customer furnished and installed** Fixed Cellular Telephones. One dedicated for the fax machine with a manual switch to switch from cell to land line.
4. All telephone lines and cellular antenna cable are to be installed in ENT conduit.

MISCELLANEOUS:

1. DOT Safety Kit that includes:
 - Install two (2) *Kidde* Pro Line 3-A: 40-B: C 5 pound dry chemical fire extinguishers near exits.
 - Install two (2) *First Alert* 9-volt combination Carbon Monoxide and Smoke alarms.
 - Triangle safety kit.
2. Install steel structure in the rear curbside wall to support a future Will-Burt 6-25 mast. This includes installing Will-Burt 6-25 exterior brackets and installing video cable from the mast location to each TV location.

MANUALS:

1. Supply one (1) complete manual set on CD-ROM only to include the following:
 - a.) As built specifications and interior and exterior drawings as used for production to build the truck.
 - b.) Chassis and body manuals from the chassis and body manufacturers.
 - c.) All individual component manuals as provided by component manufacturer.
 - d.) LDV 12Vdc wiring schedules showing wire gauge, color number and function. 12Vdc high current wiring showing the battery system, isolators, power converters and disconnect switch.
 - e.) Warranty cards supplied with all components that must be filled out by the customer and mailed to the component manufacturer.
 - f.) LDV warranty and Return Authorization Procedures.
 - g.) Chassis and generator maintenance and service logs.

- h.) Battery maintenance information.
- i.) Table of contents for each manual.

OPTIONS:

1. All bidders shall submit individual prices for each of the following optional equipment installed. Bidders shall note if options are subject to payload capacity of the vehicle.
 - Wilburt 25' mast with camera
 - NFPA lighting package
 - Tow Eyes
 - Stainless steel wheel liners
 - Awning
 - Ladder and catwalk
 - Black out curtains for front
 - Night lighting
 - Underbody storage
 - Paint and graphics packages
 - Removable exterior table, dry erase board, telephone and input boxes.
 - Command strobe
 - Cat 6 computer wiring networks, printer, computers, etc.
 - Leveling systems
 - Weatherstations
 - Clocks
 - Antenna raceway for radio wiring
 - Electronic or standard dry erase boards on walls.
 - Electric Lavatory

DELIVERY:

1. Each Bid must include a detailed delivery schedule. Bidder must be able to conclude a detailed purchase agreement prior to June 29, 2005. COMPLETED vehicle must be delivered FOB to Nantucket Massachusetts no later than September 29, 2005. **NO EXCEPTIONS TO THIS DATE SHALL BE ALLOWED.**